Gtech

Safety and Instruction Manual for ST05 Rapid Blade Pro Cordless Trimmer

Important Safeguards

IMPORTANT:
READ ALL INSTRUCTIONS BEFORE USE.
RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.

WARNING:
THIS PRODUCT CAN CAUSE SERIOUS INJURIES.
Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term “power tool” in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

WARNING:
When using any electrical appliance, basic safety precautions should always be observed, including the following, to reduce the risk of fire, electrical shock, or injury.

Work area:

•Keep work area clean and well lit. Cluttered and dark areas invite accidents.
•Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust and fumes.
•Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
•Not to be used as a toy. Not to be used near children. Never allow children to use the power tool. When not in use store the power tool out of the reach of children.
•Keep children and bystanders away while operating the power tool, distractions can cause you to lose control.
•Always be sure of your footing on ladders or slopes, do not over-reach or use on excessively steep slopes.

Electrical safety:

•Power tool plugs must match the outlet. Never modify the plug in any way.
•Do not use any adaptor plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce the risk of electric shock.
•Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
•Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
•Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
•When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
•If the cord becomes damaged during use disconnect the cord from the power supply immediately- DO NOT touch the cable before disconnecting.
•Before use check the power supply and charger cables for signs of damage or ageing.
•When charging or operating the power tool it is recommended that the appliance should be supplied via a residual current device (RCD) with a tripping current of not more than 30mA.
•Do not handle the charger or the power tool with wet hands.

Personal Safety:

•Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use any power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
•Always be aware of your surroundings and stay alert for possible hazards that you may not be aware of due to concentration on the power tool.
•Use safety equipment. Always wear eye protection. Safety equipment such as non skid shoes, safety glasses, sturdy gloves and hearing protection are recommended and will reduce the risk of personal injury.
•Do not operate when barefoot or wearing open sandals.
•Always wear substantial footwear and long trousers.
•Dress appropriately. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
•Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your fingers on the switches or plugging in power tools that have the switch on invites accidents
•Remove any adjusting key or wrench before starting the power tool. A key or wrench left in a rotating part of the power tool may result in personal injury.
•Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations
•Take care in slippery conditions, and on slopes and uneven ground.
•Do not run with the power tool.
•When operating the power tool ensure that both hands are correctly positioned on both handles. Do not operate this product if incomplete or with unauthorized modifications.
•Keep hands and feet away from the cutting element at all times, and especially when switching on.
•Warning, the cutting element will continue to move after the motor is switched off.
•Ensure that the motor has fully stopped before cleaning, clearing a blockage, checking, or carrying out maintenance on the power tool.
•Never operate the power tool with damaged guards or without the guards in place.
•The operator or user is responsible for accidents or hazards occuring to other people at their property.
•Never fit metal cutting elements.

Power tool use and care:

•Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
•Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
•Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measure reduce the risk of starting the power tool accidentally,
•Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
•Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
•Check that the cutting blades are clean and without damage. If the blade becomes worn a replacement should be fitted before use.
•Use the power tool, accessories etc. In accordance with these instructions and

in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
•Only use the machine in daylight or good artificial light.
•Before using the machine and after any impact, check for signs of wear or damage and repair as necessary.
•Always ensure that ventilation openings are kept clear of debris.
•Keep the product and all accessories away from hot surfaces.
•Store the tool in a secure, dry place out of reach of children and animals.
•Never modify the trimmer in any way as this may increase the risk of personal injury.

Battery use and care:
•Do not attempt to use the charger with any other product nor attempt to charge this product with another charger.
•Using a charger from a different product may cause a risk of fire.
•Leaks from battery cells can occur under extreme conditions. If the liquid gets on the skin wash immediately with soap and water. If the liquid gets into the eyes, flush them immediately with clean water for a minimum of 10 minutes and seek medical attention.
•This product contains Li-Ion batteries. Do not incinerate batteries or expose to high temperatures, as they may explode.
• Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
•When the battery pack is not in use, keep away from other metal objects such as: paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.
•Shorting the battery terminals may cause burns or fire.
•In an emergency situation contact professional help immediately!
•Under abusive conditions liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes additionally seek medical help. Liquid ejected from a battery may cause irritation or burns.

Service:
•Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
•Do not attempt to repair any damaged parts on this product unless you are qualified to do so.
•Never use replacement parts or accessories not provided or recommended by the manufacturer.

Intended use:
This product is intended for DOMESTIC USE ONLY

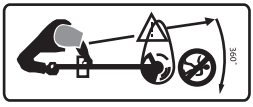
Warning label descriptions:

Read instruction manual before use

General hazard safety alert.

Do not use in rain or leave outdoors whilst raining.

Wear eye protection when using this product.



Beware of thrown or flying objects to bystanders.

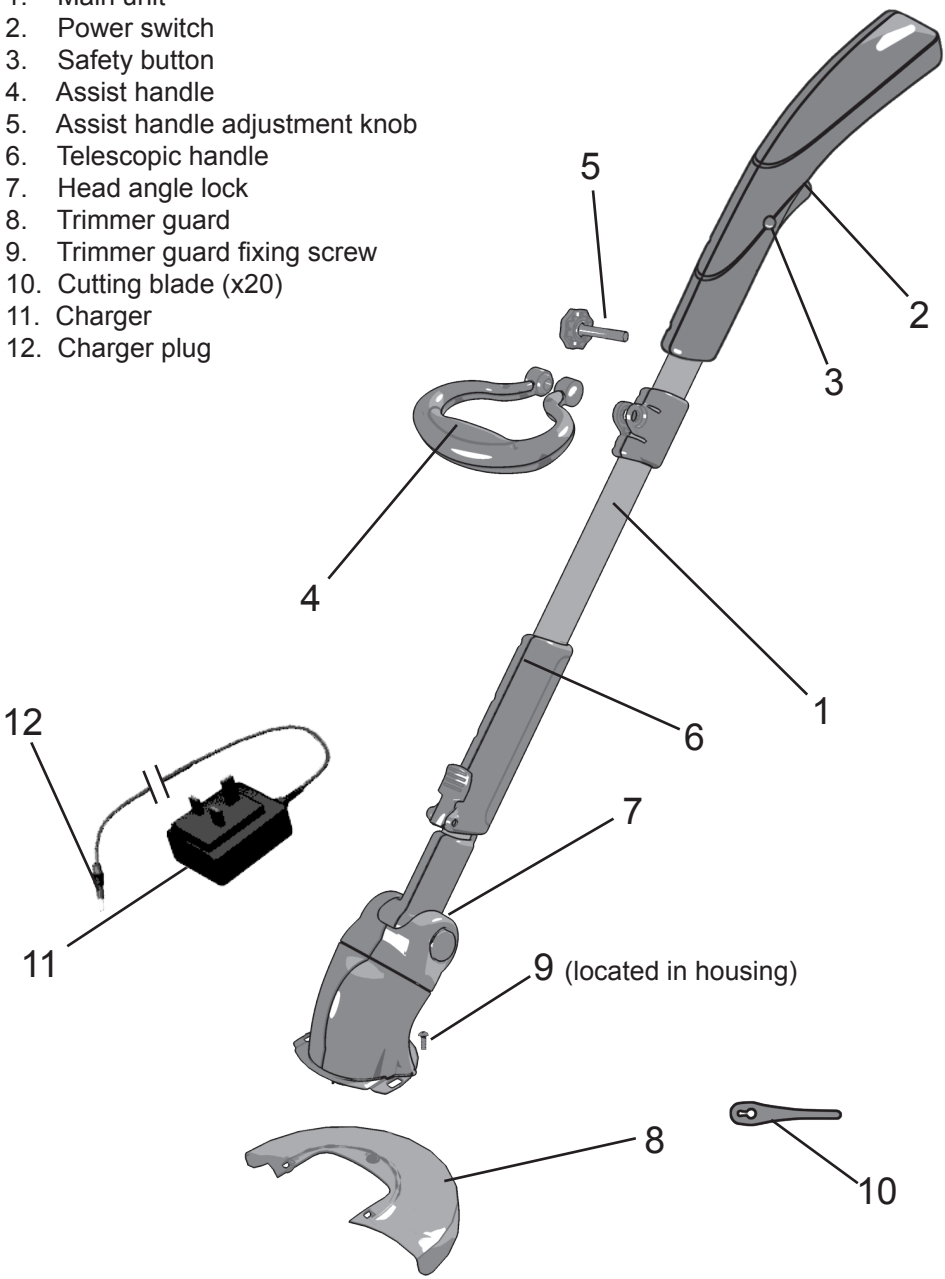
Measured sound power level: 78 dB(A)

Guaranteed sound power level: 90dB(A)

Note: Measured noise values determined according to 2000/14 EC (1.60m height, 1.0m distance away).

Unpacking: Part location

1. Main unit
2. Power switch
3. Safety button
4. Assist handle
5. Assist handle adjustment knob
6. Telescopic handle
7. Head angle lock
8. Trimmer guard
9. Trimmer guard fixing screw
10. Cutting blade (x20)
11. Charger
12. Charger plug



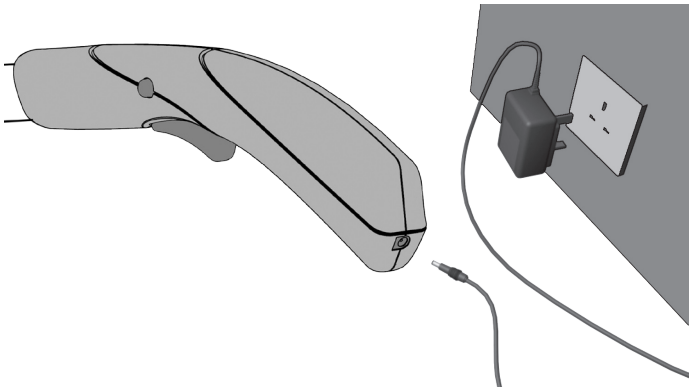
Battery Charging & Recharging

The battery is fitted in the handle and CANNOT be removed.

Connect the supplied battery charging adaptor to the charging socket located on the rear of the handle.

Plug the charger into a suitable electrical socket and switch on.
The indicator light on the charger will light RED when the battery is charging.
When the battery is fully charged the indicator light will turn GREEN.

From flat the battery will take approximately 3 hours to fully charge.



Once the battery is fully charged remove the charging plug from the handle, switch off the charger at the mains socket, and unplug the charger from the mains socket.

WARNING : DO NOT PULL THE CHARGER BY THE CORD.

IMPORTANT NOTE : when the battery is running low a cut out mechanism will stop the product from working. This is to protect the Li-Ion battery from running completely flat, and will maintain the battery life.

CAUTION : do not charge the battery when the surrounding air temperature or the batterys are below 0^0C or above 45^0C

After heavy use or in high temperatures the battery may become warm. Allow the product to cool for 15 - 30 minutes before charging.

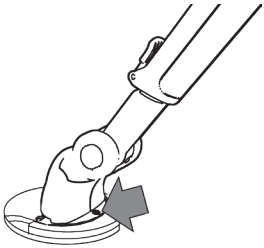
WARNING : ONLY USE THE CHARGER PROVIDED WITH THE PRODUCT.

USING ANY OTHER CHARGER MAY DAMAGE THE PRODUCT AND THE BATTERY.

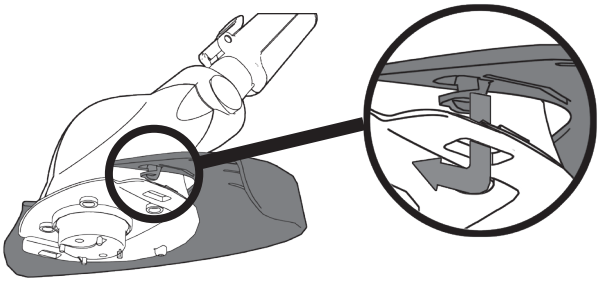
Assembly

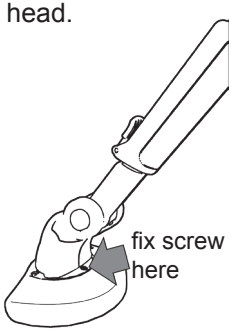
Fitting the trimmer guard onto the base of the head:

Remove the guard fixing screw from the housing and retain the screw.



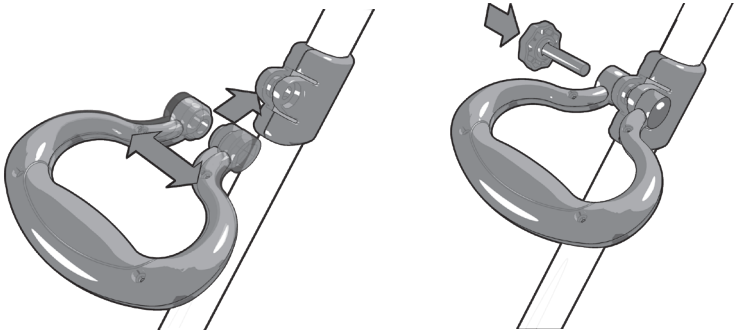
Locate the guard onto the head of the trimmer ensuring that the two location hooks engage into the slots on the trimmer head.
Push the guard forward until the hooks are fully engaged in the slots.
Fit the guard fixing screw to secure the guard to the trimmer head.





Fitting the assist handle:

Pull the arms of the assist handle slightly open so that they will fit over the connecting part on the main tube.
Insert the adjustment knob through the assist handle joint.
Tighten the adjustment knob with the handle in the desired position.



Fitting and replacing the blade

The trimmer has a removable plastic blade that can be replaced with a new blade quickly and easily.

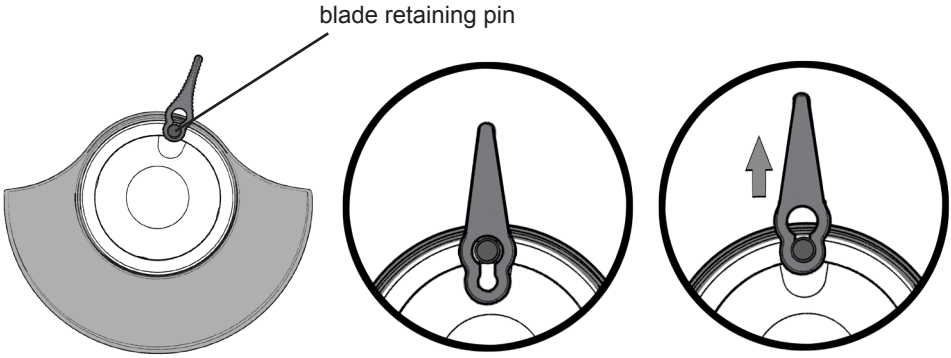
WARNING : do not attempt to remove the blade while the unit is running.

Wait until the blade has stopped before attempting to remove the blade.

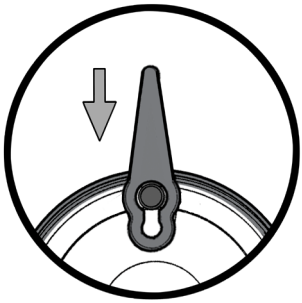
Never fit metal blades.

Only fit blades recommended by the manufacturer.

To fit the blade :
Place the blade over blade retaining pin, then pull the blade outwards to lock into position.



To remove the blade :
Push the blade toward the centre of the trimmer and lift off the blade retaining pin.



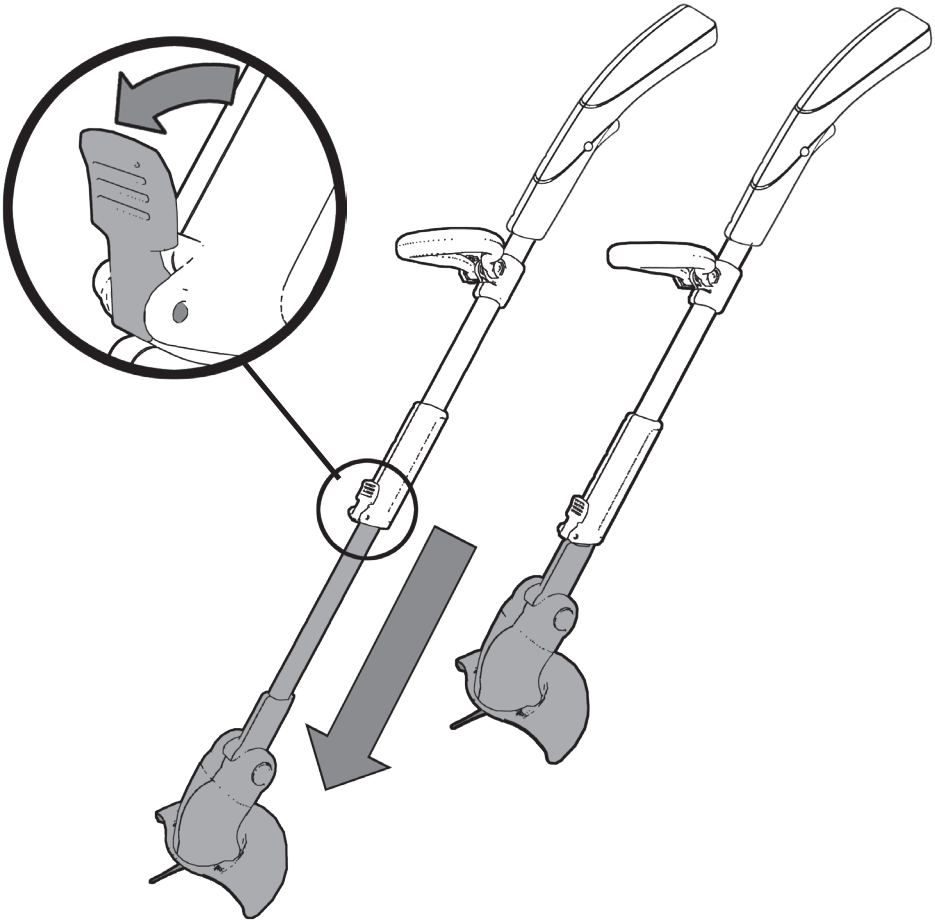
Replacement blades can be purchased from Grey Technology.
Tel : 0870 7944001 www.greytechnology.co.uk

Extension tube adjustment

The telescopic tube length on the trimmer can be varied to suit different user heights.

WARNING : do not attempt to adjust the telescopic tube whilst the blade is rotating.

Adjusting the handle length:
Grip the trimmer firmly and release the latch on the lower handle.
Extend the telescopic tube to the desired length.
Press the latch down firmly to lock the telescopic tube in position.

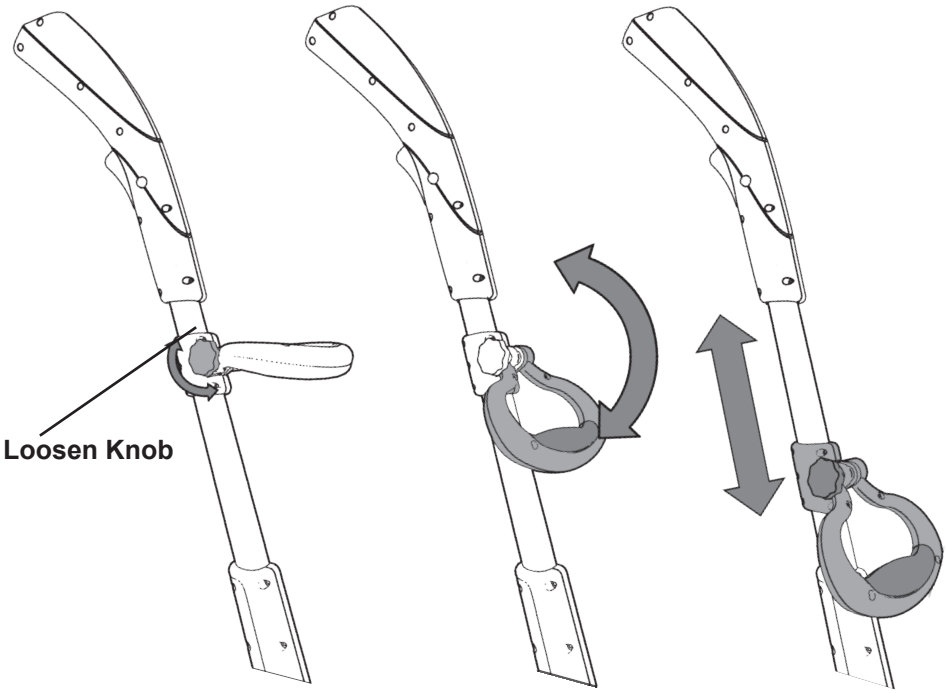


Assist handle adjustment

The angle and reach of the assist handle can be adjusted to your preference.

WARNING : do not attempt to adjust the assist handle whilst the blade is rotating.

Adjusting the assist handle:
Loosen the knob on the side of the handle.
Slide the handle along the tube and adjust the angle of the handle to a position which is most comfortable.
Tighten the knob to fix the assist handle in the new position.



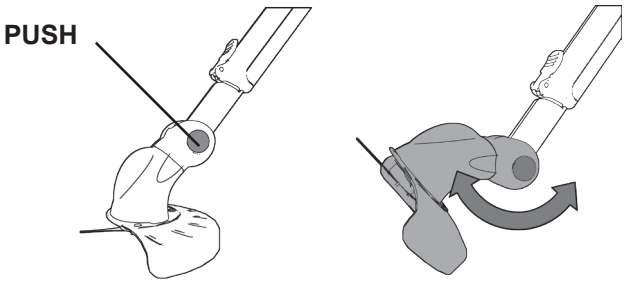
Cutting head adjustment

The cutting head can be adjusted to different angles for ease of cutting in different conditions.

WARNING : do not attempt to adjust the cutting head while the blades are rotating.

Grip the head of the trimmer, press and hold the button marked ‘PUSH’.
Rotate the head to the desired angle.
Release the button to lock the head in position.

Ensure the button and head are securely locked in position before starting the trimmer.



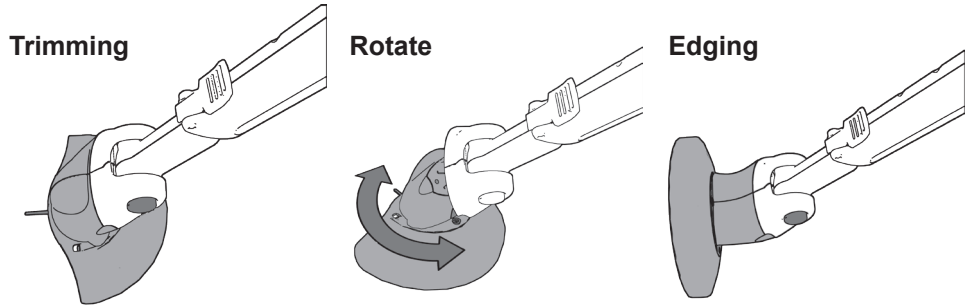
The cutting head can be rotated to a vertical position for edge trimming around lawns.

WARNING : do not attempt to rotate the cutting head while the blades are rotating.

Grip the head of the trimmer and twist half a turn around the handle.

Caution: Ensure the power button is not engaged during adjustment.

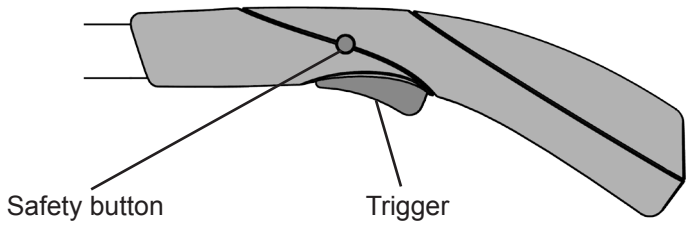
Ensure the button and head are securely locked in position before starting the trimmer.



Using your trimmer

The handle is designed with a safety button to prevent accidental starting.

To start the trimmer:
Press and hold the safety button located on either side of the handle, then press the trigger.
Continue holding the trigger and release the safety button.
The trimmer will be on for as long as the trigger is pressed.



To stop the trimmer:
Release the trigger to stop the trimmer.

WARNING : the blade continues to rotate for a few seconds after the trimmer is switched off.

Do not touch the rotating blade, and keep hands and feet clear until the blade stops rotating.

PLEASE NOTE - When the battery is running low a cut out mechanism will stop the product from working.

This is to protect the Li-Ion battery from running completely flat, and will maintain the battery life.

If this happens during normal operation refer to the section on battery charging.

Cutting and edging

Caution : remove any stones, loose debris and other objects from cutting area.

Always take care when other people are around you. The trimmer may throw out stones and debris at high speed.

Hold the trimmer away from the body using both hands Stand in a secure and stable position. When cutting move slowly and steadily along the line of cut, moving the trimmer from side to side.

Take care not to overload the trimmer. Attempting to force the trimmer to cut may damage the motor. To prevent overloading cut long or difficult foliage in stages with several light cuts.

NOTE: the trimmer is fitted with a self-resetting protective cut-out. This will stop the trimmer if the motor becomes overloaded. If this occurs, wait a few seconds for the cut-out to reset and then use lighter cuts.

Take care not to grind the rotating parts against the ground as this will wear parts and cause damage to the trimmer.

Take care when trimming around objects such as stone or concrete as these can damage the trimmer blade and parts that attach the blade.

Care and maintenance

To ensure long and reliable service, carry out the following maintenance regularly:

Check for obvious defects such as loose, dislodged, worn or damaged parts.

Check that covers and guards are correctly fitted and undamaged.

Before use, visually check the condition of the cutting blade. If worn replace with a fresh blade.

Clean inside the guard after use. Remove any dirt or debris using a suitable wooden or plastic tool.

Do not use water, solvents, or polishes to clean the trimmer. Wipe clean with a dry cloth.

Store in a dry place. Do not expose to moisture.

Troubleshooting

PROBLEM	POSSIBLE REASON	POSSIBLE SOLUTION
Trimmer fails to operate	1. Battery flat	1. Recharge battery
Cutting blade will not cut	1. Blade worn 2. Blade damaged 3. Trimmer not fast enough	1. Replace blade 2. Replace blade 3. Charge battery
Cutting time low	1. Battery flat 2. Blade damaged 3. Guard has build up of debris	1. Recharge battery 2. Replace blade 3. Clean guard
Trimmer vibrates when running	1. Blade worn / damaged or missing 2. Balance weight damaged / missing	1. Fit new blade 2. Call helpline
Trimmer stops when cutting	1. Overloaded motor 2. Battery flat	1.Wait for cut-out to reset, use lighter cutting action 2. Charge battery
No light on the charger	1. Charger not fully pushed into mains socket. 2. Mains socket not switched on 3. Defective mains socket, cable, or charger	1. Push the charger fully into mains socket 2. Switch on mains socket 3. Consult a qualified electrician to check the socket. Contact customer service centre or dealer.

If the product needs to be repaired or replaced only use parts which are approved by the manufacturer.

For further help or assistance please contact the Gtech helpline.
Tel : 0870 7944001 email: support@greytechnology.co.uk

Environmental and Product Recycling

The symbol indicates that this product is covered by legislation for waste electrical and electronic products (EN2002/96/EC)

When the product has reached the end of its life please do not dispose of it with general household waste. Consider the environment and take it to a recognised recycling facility.

The product contains a Li-Ion battery which should not be disposed of with general household waste. The battery should be disposed of properly with the product at a recycling facility.

Call your local council, civic amenity site, or recycling centre for information on the disposal and recycling of electrical products.

Alternatively visit www.recycle-more.co.uk for advice on recycling and to find your nearest recycling facilities.

Technical specification ST05

Cutting Width	23cm
No load speed	8500rpm
Battery type	14.4V DC, 1.9Ah Li-Ion
Rated input power	90W
Charging period for fully discharged battery	3 hours
Charger output	17.0V DC, 600mA
Charger input	100-240V ~ 50/60Hz
Measured sound power level, LpA,d	78 dB(A)
Guaranteed sound power level, LwA,d	90 dB(A)
Weight	1.5Kg
Vibration	4.5m/s²

WARNING : ONLY USE THE CHARGER PROVIDED WITH THE PRODUCT.

USING ANY OTHER CHARGER MAY DAMAGE THE PRODUCT AND THE BATTERY.

CAUTION : DO NOT CHARGE WHEN THE SURROUNDING AIR TEMPERATURE OR THE BATTERYS ARE BELOW 0^0C OR ABOVE 45^0C

Helpline : 0870 7944001

Warranty information

12 MONTHS GUARANTEE

Grey Technology has provided the ST05 Cordless Trimmer with a 12 month guarantee.

IN GUARANTEE:
Please retain your receipt as proof of purchase. In the rare and unfortunate event of your Gtech product being faulty, please accept our apologies and we will aim to remedy the problem as fast as possible once brought to our attention. However please be aware that due to company policy Grey Technology can only repair or replace all or part of the product if proof of purchase is provided and the claim is made within 12 months of the purchase date.

If your product is within the 12 months warranty period you should either return this product with its receipt to the retailers where the product was purchased or if a simple part or advice is required ring the Gtech customer services line where will be more than happy to assist.
Please note: Gtech can not refund any monies if the product was brought from a third party.

We would like to remind our customers that the Gtech guarantee does not cover any unauthorised repairs and will be annulled:

1. If it has been damaged due to incorrect use or maintenance.
2. If any part is modified or replaced or if it is used in any way that is not recommended by Gtech.
3. If it is used with any parts not produced or not recommended by Gtech.
4. If it is used for purposes other than those specified by Gtech.

If after reading the manual and following the instructions you are sure that the product is defective please call the Gtech customer service helpline on 0870 7944001. A customer service advisor will be on hand to deal with any problems you have with our product. To assist them please be ready with the product, a detailed description of the problem, and your proof of purchase.

OUT OF GUARANTEE:
If your Gtech product is over 12 month old and you need any parts or advice then please contact our customer services department. Parts will be sent out usually within 3 weeks of request.

WARNING: only use the charger supplied with the product. Using another charger may damage the product and the battery and will invalidate your guarantee.

Helpline : 0870 7944001

EC Declaration of Conformity

We, manufacturer/importer

Grey Technology Ltd
Units 1&2 Cupola Court
Spetchley
Worcester
WR5 1RL

declare that the product

ST05 Rapid Blade Pro Cordless Trimmer

complies with the essential health and safety requirements of the following directives:

2004/108/EC - EMC Directive.
98/37 EEC - Machinery Directive
73/23 EEC - Low Voltage Directive
93/68 EEC - CE Marking Directive
2000/14/EC - Noise emission in the environment by equipment for use outdoors Directive.
- Conformity assessment procedure as per ANNEX VI.
- Measured Sound Power Level = 78 dB(A)
- Declared Guaranteed Sound Power Level = 90 dB(A)
- Notified Body: Intertek Testing & Cerfication Ltd, Davy Avenue, Knowlhill, Milton Keynes, MK5 8NL

Technical documentation holder: Grey Technology Ltd, WR5 1RL

Standards and technical specifications referred to:
EN60745-1
EN786
EN ISO 3744
ISO 11094
EN55014-1
EN55014-2
EN61000-3-2
EN61000-3-3

CE

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